

Date: Mon, 8 Mar 93 11:21:53 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #290
To: Info-Hams

Info-Hams Digest Mon, 8 Mar 93 Volume 93 : Issue 290

Today's Topics:

6 meter repeaters
American Sign Lang. for "radio"
Any experience with 8873 (conduction cooled triode)?
dimmers
Help!, mobile noise
HTX-202 MODS ??????
Icom 737
Kingman/Palmyra
Mail-Order Electrical Components
Motorola HT-220 Mod help needed.
Old RF amps and new FCC power limits
Periphex
Periphex...
Rabbit Transmitter, Adding a Transistor To?
TV CHANNELS/East Coast Update
What is VE1ST/NA14? (3 msgs)
When is the Dayton Hamvention?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 8 Mar 1993 15:38:48 GMT
From: spsgate!mogate!newsgate!NewsWatcher!user@uunet.uu.net
Subject: 6 meter repeaters
To: info-hams@ucsd.edu

I am looking for any information on 6 meter repeater equipment or

radios suitable for conversion to repeater operation. What has been popular or worked well in the past? Will summarize and resend to anybody interested.

```
* Chris Terwilliger, KB7PPT/AA                rrgd50@email.sps.mot.com *
* Motorola                                     "And now, the sequence of events, *
* 2100 E. Elliot Rd. EL374                     in no particular order."      *
* Tempe, AZ 85284                             - Dan Rather *

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Date: Mon, 8 Mar 1993 13:58:13 GMT
From: usc!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!cbnewse!
waco@network.UCSD.EDU
Subject: American Sign Lang. for "radio"
To: info-hams@ucsd.edu

In article <lpfk62INNbh1@news.bbn.com> jmccombi@bbn.com (Jon McCombie) writes

[illegible][illegible]

According to the book "The Joy of Signing", Lottie L. Riekehof, Gospel Publishing House, Springfield, MO, ISBN 0-88243-518-3, this is not true. This book is used for a text for ASL, which is the sign language used in the U.S. Sign language can vary from country to country.

The signs are:

Crazy (pg. 64)

Place the curved "FIVE" hand (hold hand as you would hold a very large lightbulb by the bulb end) at the side of the forehead and give the hand a quick twist in and out several times. Or, point the right index finger toward the forehead and circle several times.

Origin: Brains are twisted.

I would appreciate hearing from you if you used these or have heard interesting stories about them.

Rajiv
aa9ch
Address: r-dewan@nwu.edu
Phone: None. Only CW.

Date: Mon, 8 Mar 1993 15:43:39 GMT
From: spsgate!mogate!newsgate!NewsWatcher!user@uunet.uu.net
Subject: dimmers
To: info-hams@ucsd.edu

For what it's worth...

I was experiencing bad QRN from a wall mounted rotary dimmer switch on 40 meters. I replaced it with a Leviton Illuminated Slide Dimmer, model 108-6631-WSP. No more QRN...

* Chris Terwilliger, KB7PPT/AA rrgd50@email.sps.mot.com *
* Motorola "And now, the sequence of events, *
* 2100 E. Elliot Rd. EL374 in no particular order." *
* Tempe, AZ 85284 - Dan Rather *

Date: Mon, 8 Mar 1993 15:22:39 GMT
From: usc!zaphod.mps.ohio-state.edu!malgudi.oar.net!news.ysu.edu!yfn.ysu.edu!
ag821@network.UCSD.EDU
Subject: Help!, mobile noise
To: info-hams@ucsd.edu

I would appreciate any suggestions to cure the following problem:

I use an Argonaut 509 mobile. I just built an audio filter to use with it (exactly the same as the Argonaut with quieter op amps.. otherwise right from their schematic)

Works great when the car isn't running
(although it brings the signal level all the way down..but definitely filters). When I run the car it is fine with the filter in the off position, in either of the filter positions I am getting some bad hum.. think it is the on board computer. It sounds like a dentist drill.. gets louder and faster as I rev the engine.. worse when I bring the car

to an idle by putting my foot on the brake.

I chassis grounded both halves of the filter ground. That didn't make any difference. I next took the power for the rig out of the cigarette lighter and put it directly to the battery and the chassis ground in the engine compartment. Still didn't make any difference.

Thanks

73s de Cookeville,TN

Jeff, AC4HF

--

Jeff M. Gold, AC4HF

Manager, Academic Computing Support

Tennessee Technological University

Date: 8 Mar 1993 09:46:32 -0600

From: usc!cs.utexas.edu!not-for-mail@network.UCSD.EDU

Subject: HTX-202 MODS ??????

To: info-hams@ucsd.edu

>

> I know this question has been asked many times and will probably be repeated many times in the future. My friend has an HTX-202 Radio Shack HT and would like to know if there are any mods for this unit. If so, could you perhaps

> tell me what mods are available and/or how the procedure is done.

>

Yes it has and no there aren't!!!

Let's start a new group: rec.radio.amateur.htx202.no.mods.ok?

Peter Laws|GEnie:P.LAWS1|"Finally: one of our guys is |plaws@uafhp.uark.edu
n5uwy@ka5bml.ar.usa.noam|driving the car"--Dennis Miller|plaws@uafsysb.bitnet

Date: 8 Mar 93 08:58:00 GMT

From: netcomsv!netcomsv!pcs!bill.nadzam@decwrl.dec.com

Subject: Icom 737

To: info-hams@ucsd.edu

Hello again Jeff, The new Icom 737 is a nice rig. HRO in sunnyvale has them for \$1200 and I would say that is about right. The only thing I didn't like about it was the fact

that the Noise Blamker is on or off. Ok it doesn't sound like much but this can be a real problem. Have you ever had the noise blanker on " Full Bore" on 40 meters? The curcuit will go nuts at night with all those strong broadcast signals. Other then that the size is a bit larger then I thought it would be. All in all I think it would make a real nice first choice. I like the dual antenna support, a real nice feature. I grabbed a ICOM sheet from HRO that gives a feature comparison between the Kenwood TS-450SAT, the Yaesu FT-890WAT, and a couple others and it would make good reading for you too if your looking at one of these. I would buy a used, clean, 440 or a 940 though. But that is my personal choice. Then again if ICOM is your thing Find a clean IC-735 add the IRC filters to it, the CW filters, and maybe the optional keyer and you go a great rig in a small box. If you need the internal Auto-Tuner then you'll have to keep looking.

. EZ 1.37 . 73 de Bill K8WN ..._._

Date: Mon, 8 Mar 1993 18:17:11 GMT
From: usc!news.cerf.net!proton!psi.llumc.edu!britton@network.UCSD.EDU
Subject: Kingman/Palmyra
To: info-hams@ucsd.edu

Been wondering what happened to KH5 and KH5K?

The Kingman group was on 10 meters last night (California time) operating maritime mobile, and they explained that there had been some sort of problem with the scheduled ship. They sailed from Honolulu Sunday and were estimating arrival at Kingman Tuesday night. The plan is to stand off the island until daylight, then land and set up on Wednesday.

The Palmyra group was supposed to leave Honolulu later Sunday. Because of a greater load of fuel and other heavy cargo, their vessel could not leave the harbor until high tide. They are sailing directly to KH5 on their own vessel--this is a change from the earlier plan, which was to use just one ship and stop at KH5K first then go on to KH5.

Those of you who took vacation time to work KH5/KH5K can go back to work for a few days!

Good DX to all, de k0wwg--Barrie Riverside, California

Date: Mon, 8 Mar 1993 16:00:19 GMT
From: usc!elroy.jpl.nasa.gov!mycroft.jpl.nasa.gov!ring@network.UCSD.EDU
Subject: Mail-Order Electrical Components
To: info-hams@ucsd.edu

In article <9303040021.AA09230@ucsd.edu> 351SMWDOV@strathost.stratcom.af.mil (351SMWDOV) writes:

>From: 351SMWDOV@strathost.stratcom.af.mil (351SMWDOV)

>Subject: Mail-Order Electrical Components

>Date: 3 Mar 93 23:24:00 GMT

>I'm looking for a mail-order company to buy electrical components from.

>

>If anyone has a recommendation, please let me know. Thanks in advance.

>

>

>

>-----

>

>Michael C. Taylor

>

>e-mail: 351smwdov@strathost.stratcom.af.mil

>

>phone: 816-687-5967

>

>-----

>

Digi-Key Corp. puts out a 250-page catalog full of electronic components. I've had good luck with them in the past. I think they're in Thief River Falls, MN.

Their phone number is 1-800-DIGIKEY

Warren Ring / AB6QE --- "Why is there air?" - Bill Cosby

Date: 8 Mar 93 16:36:19 GMT
From: noc.near.net!news.bbn.com!mips2!thed.uk22.bull.com!kelvin@uunet.uu.net
Subject: Motorola HT-220 Mod help needed.
To: info-hams@ucsd.edu

I am trying to convert some Motorola HT-220 units for single channel UHF use so that they can be used by some prospective Novices here in the UK. Does anyone have details on the conversion to Amateur bands and info on alignment that they could provide me with.

All/any help appreciated...

Kelvin. (G1EMM)

--

Kelvin J. Hill - BULL HN Information System Ltd, Hounslow, England, UK.
Internet - kelvin@thed.uk22.bull.com | UUCP - kelvin@cix.compulink.co.uk
" " kelvin@kelvin.uk22.bull.com | AMPRnet - kelvin@g1emm.ampr.org

Date: Mon, 8 Mar 1993 16:09:38 GMT
From: news.acns.nwu.edu!casbah.acns.nwu.edu!rdewan@network.UCSD.EDU
Subject: Old RF amps and new FCC power limits
To: info-hams@ucsd.edu

I have been looking at older (pre-1980) HF amps for CW.

In those days, FCC regs power limits were 1000W max INPUT for CW
and 2000W pep max INPUT for SSB.

Assuming reasonable efficiencies, these amps put out about 600W pep
out in CW - far less than the current 1500W pep limit on output.
(These amps are ok for SSB as they put out about 1300W pep out -
close to the current limit.)

So is my story correct or can many amps of yore be used for CW in
the higher power SSB setting? Some older amps, like the Kenwood 922,
I believe, cannot handle CW in the SSB setting.

If you use an older AMP for CW, I would like to hear from you.

Thanks

Rajiv
aa9ch
Address: r-dewan@nwu.edu
Phone: None. Only CW.

Date: 8 Mar 93 18:42:32 GMT
From: news-mail-gateway@ucsd.edu
Subject: Periphex
To: info-hams@ucsd.edu

OK... Now that all the heat has gone out of this thread I just want
to let EVERYONE who has never had a problem with Periphex know that
they are very lucky folks. I, too had a problem with a periphex battery.

It seems the plastic insert into my Kenwood 215 broke off after about 6 months of use. The plastic obviously had a bubble in it and was weak. I called Periphex and learned that they were not interested in anything I had to say. When I tried to BUY a replacement plastic case for the batteries I was told they did not sell cases for that particular battery.

As far as I'm concerned..... Periphex DOES suck and I won't send another dime. For the rest of you... good luck! For Periphex... A better attitude over the phone would go a long way even if you DON'T want to stand behind the product.

Date: Mon, 8 Mar 1993 18:34:15 GMT
From: usc!howland.reston.ans.net!gatech!concert!samba!usenet@network.UCSD.EDU
Subject: Periphex...
To: info-hams@ucsd.edu

Note: I have no connection to Periphex other than as a satisfied customer.

I think the problem with the new (ie: W2A, SAT, etc series) Icom radios is the weak link with the battery. If Periphex were to make metal rails on their aftermarket batteries and attempt to mate them with the plastic rails on the Icom, I can't help but wonder if the RADIO would fail instead of the battery.

Apparently Icom offers no fix to the batteries when they're out of warranty (ie: you must replace, even though the cells are fine). So maybe Periphex is providing BETTER support by offering a new case for \$29 (including labor).

I've got two Periphex BP-7's for my Icom IC-U16 (metal rails), and love them. They're as good as the Icom pack, and I was able to repair one that was accidently shorted on my own (they're fused internally).

I've also got two Periphex 12v packs for my Alinco DJ-580T, and they're at least as sturdy as the Alinco packs. I don't particularly like the sealed up battery style after being spoiled with the older Icom, but it's the radio manufacturers fault, not the aftermarket battery folks.

-ks
KD6RCT

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The opinions expressed are not necessarily those of the University of North Carolina at Chapel Hill, the Campus Office for Information Technology, or the Experimental Bulletin Board Service.

internet: laUNCHpad.unc.edu or 152.2.22.80

Date: 8 Mar 93 16:31:15 GMT
From: news-mail-gateway@ucsd.edu
Subject: Rabbit Transmitter, Adding a Transistor To?
To: info-hams@ucsd.edu

I have recently purchased a Rabbit VCR Extender, consisting of consumer-grade video transmitter and receiver units that operate in the shared 900 MHz band.

When you open up the shielded output stage, it appears that there is space allocated for a final output transistor. (Maybe one is included in the export version.) Does anyone have direct knowledge of whether this is the case, and what sort of transistor would be used there?

Getting the PC board out to be able to see and access its underside will be a non-trivial task, but we could sure use the extra power for the kite-TV flight during this Sunday's annual kite contest.

Thanks for any quick replies.

= = = = =
- Miles Abernathy, N5K0B =
| |__ miles@emx.cc.utexas.edu =
_| | POB 7580, Austin TX 78713 =
\ * / University of Texas @ Austin =
 \ / tel. (512) 471-6521 =
= = = = =

Date: Mon, 8 Mar 1993 13:27:08 GMT
From: nsisrv!news1.gsfc.nasa.gov!NewsWatcher!user@ames.arpa
Subject: TV CHANNELS/East Coast Update
To: info-hams@ucsd.edu

Likely last up date unless we get south of DC info, or West Va and beyond?
TV Channels / East Coast up date 3/8/93
TNX fer help : Bruce;WA3NNA;WA2ISE;W1ETH@K1MEA;W00G

CH2 Boston
 Baltimore
 NY City
 Pittsburg,PA (CBS)
CH3 Philadelphia
 Hartford

CH4 DC
 NY City
 Boston
 Pittsburg,PA(ABC)

CH5 DC
 NY City
 Boston

CH6 Richmond,Va.
 Philadelphia
 Providence,RI
 Albany,NY

CH7 DC
 NY City
 Boston

CH8 Hammonton,NJ-WOOC
 Lancaster,PA-WGALCH9 DC
 NY City

CH10 Philadelphia
 Providence, RI
 Albany,NY

CH11 Baltimore
 NY City
 Pittsburg,PA(NBC)

CH12 Philadelphia
 Providence,RI

CH13 Baltimore
 NY City
 Albany,NY
 Pittsburg, PA(PBS)

CH14 NO longerWorcester, Ma. (GONE)

CH15 Lancaster,PA

CH16 Salsbury
 Pittsburg,PA(PBS)

CH17 Philadelphia

CH18 Seen ? 7/20/91 Location unk

CH19 NY?
 North Adams, Ma (Western Mass)

Ch20 DC
 Springfield, Ma??
 Scranton/Wilkesburry area?

CH21 NY City

CH22 Annapolis,Md. (PBS)
 Pittsburg,PA(Independent)

CH23 NJ

CH24 MD/DC (Home Shopping Network)
 Hartford,Conn

CH25 NY City

Boston WFXT
 CH26 DC (PBS)
 CH27 Worcester, MA WHLL (Spanish Prog. in eve.)
 CH28 Salisbury, Md. (PBS)
 CH29 NJ/Del
 CH30 Hartford
 CH31 Hagerstown, Md. (PBS)
 NY City
 CH32 DC, Howard Univ. (PBS)
 CH33
 CH34
 CH35 Philadelphia-Independent/PBS-WYBE
 CH36 Oakland, MD (PBS)
 Providence,RI WSBE PBS
 CH37
 CH38 Boston WSBK

 CH39 Allentown,PA-WLVT(PBS)
 CH40 Springfield, MA
 Atlantic City/Wildwood,NJ-WCMC?
 Pittsburgh,PA(Religious)
 CH41 NY City
 CH42 York?
 CH43
 CH44 Boston WGBX PBS
 CH45 Baltimore
 CH46
 CH47 Harrisburg, PA?
 NY City
 CH48 VA/DC Spanish
 Philadelphia/Burlington,NJ(on air agn since last fall) -WGTW
 CH49
 CH50 DC/VA
 North NJ (part of NJN)-WNJM
 Derry, Nh (low pwr)
 CH51
 CH52 NJ
 CH53 DC/VA
 NY City (lptv)
 Norwich,Ct. (pbs)
 Pittsburgh,PA(FOX)
 CH54 Baltimore?
 CH55 Boston
 CH56 VA/DC
 Boston WLVI
 CH57 DC/MD/VA???
 Springfield,Ma
 Philadelphia<PA-WGBS

CH58 NJ
CH59
CH60 Merrimack, Nh (low pwr)
CH61 Hartford,Conn
Philadelphia/Wilmington,DE-WTGI
CH62 Fredrick, Md. (PBS)
CH63
CH64 Providence,RI
CH65
CH66 DC/VA/MD
Boston 9 Marlborough, Ma WSHH Home Shopping Network
CH67 Baltimore, Md. (PBS)
CH68 NY City
Boston WQTV
CH69 Allentown,PA area north of Allentown?

Date: 8 Mar 93 12:25:30 GMT
From: pipex!bnr.co.uk!uknet!edcastle!spider!raft.spider.co.uk!jmorris@uunet.uu.net
Subject: What is VE1ST/NA14?
To: info-hams@ucsd.edu

I worked VE1ST/NA14 on 40 this morning. There was a small pile-up, so I didn't stay to chat - so can anyone tell me what the strange (to my ears :-) callsign means?

John.

--
-John Morris-Spider Systems Ltd-031 554 9424-jmorris@spider.co.uk-GM4ANB@GB7EDN-

Date: 8 Mar 1993 12:53:02 GMT
From: sdd.hp.com!think.com!enterpoop.mit.edu!ira.uka.de!Germany.EU.net!
Informatik.Uni-Dortmund.DE!kappa!thewes@network.UCSD.EDU
Subject: What is VE1ST/NA14?
To: info-hams@ucsd.edu

VE1ST is located on an island (but I don't know which :-)). The reference number for this island for the Islands On The Air-Award (IOTA) is NA-14 (North America No. 14). There are many islands worldwide referenced by such a number. This is also the first time for me I heard such a strange way to give this info. The call to qsl to is VE1ST (I think he gave callbook address '93 as info).

Vy 73
Berthold DL3YEI

Date: 8 Mar 1993 14:12:19 -0000
From: pipex!warwick!warwick!not-for-mail@uunet.uu.net
Subject: What is VE1ST/NA14?
To: info-hams@ucsd.edu

NA-14 is listed as Grand Manan group (Brier, Campobello, Deer and Long Islands) located approx 44.3N 67W.

73

Simon GOGWA.

Date: Mon, 8 Mar 1993 16:15:30 GMT
From: sdd.hp.com!elroy.jpl.nasa.gov!mycroft.jpl.nasa.gov!ring@network.UCSD.EDU
Subject: When is the Dayton Hamvention?
To: info-hams@ucsd.edu

When is the Dayton Hamvention?

How much is registration?

Is there info (like a schedule of sessions) I can get someplace?

Warren Ring / AB6QE --- "Why is there air?" - Bill Cosby

Date: Mon, 8 Mar 1993 15:17:42 GMT
From: sdd.hp.com!spool.mu.edu!wupost!crcnis1.unl.edu!moe.ksu.ksu.edu!
osuunx.ucc.okstate.edu!constellation!essex.ecn.uoknor.edu!news@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1n80j7INN7hv@topaz.bds.com>, <1n9bbq\$19g@bigboote.WPI.EDU>,
<1993Mar7.220133.1@vaxc.stevens-tech.edu>
Reply-To : jahern@geohub.gcn.uoknor.edu
Subject : Re: Periphex (and rubber radios)

In article <1993Mar7.220133.1@vaxc.stevens-tech.edu> u95_dgold@vaxc.stevens-tech.edu writes:

>> About all they could have done would have been to anticipate the problem
>> and design a battery pack with rails that could be replaced easily and
>> cheaply by the consumer without having to send the pack back to get the
>> case replaced. Of course, this would drive the cost of the pack up, and it
>> would probably be necessary to increase it's height as well to accomodate
>> the replaceable rails.

>>

>>

Greg

>=====

>

>If some company (preferably ICOM) made a battery with metal rails, wouldn't
>the problem be solved.

>

>

-Dave

>

N2MXX

If the battery had metal rails, and the radio still had plastic guides,
the radio would be the thing to break in a fall. I'd rather have
the [cheaper] battery break.

Along those lines, that may be the trouble with wrapping some rubber
around the radio and/or pack: It might make the rig look more
"ruggedized" than it really is. The rubber might help the case survive,
and reduce the g's felt by the internal components a little bit, but
are the internals really going to stand up to the abuse?

Maybe if the case were made very fragile (like eggshell material),
we'd be as careful with our \$n00 radios as we should be! :-)

Well, gotta run. I'm gonna stick my IC24at behind my car and drive
over it to see if it's as tough as those Alincos...

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+-----+
| Jud Ahern KC5RI           Bitnet: jahern@uokgcn.bitnet       |
| Geology & Geophysics      Internet: jahern@geohub.gcn.uoknor.edu |
| University of Oklahoma    "Opinions expressed here reflect the entire|
| Norman, OK 73019          University, in one convenient location." |
+-----+
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End of Info-Hams Digest V93 #290
